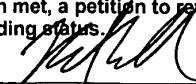


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER 03100264AA	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/560431</b>	
INTERNATIONAL APPLICATION NO. PCT/DE2003/002048	INTERNATIONAL FILING DATE 18 JUNE 2003	PRIORITY DATE CLAIMED	
<b>TITLE OF INVENTION</b> <b>USE OF A VEGF RECEPTOR GENE OR GENE PRODUCT</b>			
<b>APPLICANT(S) FOR DO/EO/US</b> Arnd Buchwald			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input type="checkbox"/> Express Mail Label No.</li> <li>23. <input type="checkbox"/> Other items or information:</li> </ol>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known) see 37 CFR 1.5) <b>107560431</b>		INTERNATIONAL APPLICATION NO. <b>PCT/DE2003/002048</b>		ATTORNEY'S DOCKET NUMBER <b>03100264AA</b>																																																																																																												
<p>The following fees are submitted:</p> <table> <tr> <td>24. <input checked="" type="checkbox"/> Basic national fee .....</td> <td>\$300</td> <td>CALCULATIONS</td> <td>PTO USE</td> <td></td> </tr> <tr> <td>25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....</td> <td>\$100</td> <td>\$</td> <td>\$200.00</td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....</td> <td>\$100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office .....</td> <td>\$400</td> <td></td> <td></td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$500</td> <td>\$</td> <td>\$500.00</td> <td></td> </tr> <tr> <td><b>TOTAL OF 24, 25 and 26 =</b></td> <td></td> <td>\$</td> <td><b>\$1,000.00</b></td> <td></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole)</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250.00</td> </tr> <tr> <td colspan="3">Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td>\$ <b>\$130.00</b></td> </tr> </tbody> </table> <table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14</td> <td>- 20 = 0</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>3</td> <td>- 3 = 0</td> <td>x \$200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIMS (if applicable)</td> <td>□ +</td> <td>\$360.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b> \$ <b>\$1,130.00</b></td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td>\$ <b>\$0.00</b></td> </tr> <tr> <td colspan="4"><b>SUBTOTAL =</b> \$ <b>\$1,130.00</b></td> <td></td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$ <b>0.00</b></td> </tr> <tr> <td colspan="4"><b>TOTAL NATIONAL FEE =</b> \$ <b>\$1,130.00</b></td> <td></td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +</td> <td>\$ <b>\$0.00</b></td> </tr> <tr> <td colspan="4"><b>TOTAL FEES ENCLOSED =</b> \$ <b>\$1,130.00</b></td> <td></td> </tr> <tr> <td colspan="4"></td> <td><b>Amount to be</b> \$</td> </tr> <tr> <td colspan="4"></td> <td><b>Amount to be</b> \$</td> </tr> </tbody> </table> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$1,130.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-2041</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:  <b>Michael E. Whitham</b>  <b>Whitham, Curtis &amp; Christofferson PC</b>  <b>11491 Sunset Hills Road, Suite 340</b>  <b>Reston, Virginia 20190</b>  <b>703-787-9400</b>  <b>CUSTOMER NUMBER 30743</b></p> <p><b>SIGNATURE</b>    <b>Michael E. Whitham</b></p> <p><b>NAME</b>  <b>32,635</b></p> <p><b>REGISTRATION NUMBER</b></p>						24. <input checked="" type="checkbox"/> Basic national fee .....	\$300	CALCULATIONS	PTO USE		25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....	\$100	\$	\$200.00		All other situations.....	\$200				26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....	\$100				International Search Report prepared and provided to the Office .....	\$400				All other situations.....	\$500	\$	\$500.00		<b>TOTAL OF 24, 25 and 26 =</b>		\$	<b>\$1,000.00</b>		Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	- 100 =	0 /50 =	0	x \$250.00	Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).			\$ <b>\$130.00</b>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	14	- 20 = 0	x \$50.00	Independent claims	3	- 3 = 0	x \$200.00	MULTIPLE DEPENDENT CLAIMS (if applicable)		□ +	\$360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ <b>\$1,130.00</b>				<input type="checkbox"/> Applicant claims small entity status. 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